

ABSTRACT

An improved gutter shield device includes a first connecting plane of roll formed metal, a second filtering plane of roll formed metal and metallic or polymer cloth, and a third connecting plane of roll formed metal combined into an integral unit.

An elongated strip of roll formed metal includes a rear vertical plane adapted to seat beneath shingles of a roof structure. The rear vertical plane is crimped by roll forming onto the second and rear longitudinal edge of a forward extending plane that combines a fine filtering membrane with an underlying skeletal support of expanded metal as an integral unit. The expanded metal and filtering membrane so joined contain two or more v-shaped downward extending longitudinal channels within the forward extending plane that transverse the length of the forward extending plane parallel to it's first edge. The forward extending plane is bound on a first and forward longitudinal edge by a first plane of that comprises a roll formed angled z-shaped connecting metal strip for securing the gutter shield to an inwardly extending flange of a k-style gutter.